

THE RECENT TREND OF MORTALITY IN ENGLAND AND WALES

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IN continuation of the tables given in *J.I.A.* Vol. LXXV, pp. 101-106 central death-rates in age-groups for males and females separately in the year 1948, and the ratios of these death-rates to the corresponding rates for the years 1930-31-32, are shown in Table 1. Both the deaths and the populations from which the death-rates have been derived are limited to civilians, but the few civilian deaths due to war causes are included. The effect of the withdrawal of healthy lives to the Forces should be borne in mind in examining the rates for young adult ages.

In order that the trend of mortality rates since 1930-32 may be conveniently studied, the group death-rates and ratios to the 1930-32 standard since 1933 are shown in Tables 2 and 3 respectively, and the ratios to the 1930-32 standard have been shown in graphical form on pp. 68-69. In these tables and graphs the age-groups have been reduced to six, viz., under age 1 (infants), 1 to 4 (young children), 5 to 14 (children of school age), 15 to 44 (younger adults), 45 to 64 (older adults) and 65 and over (elderly). Further, to eliminate the effect of the considerable changes in the age distribution of the population that have taken place since 1930-32, the group death-rates and ratios have been standardized on the age distribution of England and Wales at the 1931 census.

Table 1. Death-rates for age-groups in the year 1948, and ratios to the rates for 1930-31-32, in England and Wales

Age-group	Death-rates		Ratios to 1930-32	
	Males	Females	Males	Females
0-4	·00972	·00764	·453	·453
5-9	·00088	·00062	·384	·305
10-14	·00064	·00055	·427	·382
15-19	·00130	·00112	·510	·487
20-24	·00154	·00156	·470	·555
25-29	·00174	·00174	·527	·569
30-34	·00200	·00181	·549	·542
35-39	·00252	·00208	·528	·528
40-44	·00379	·00283	·588	·578
45-49	·00658	·00427	·707	·635
50-54	·01024	·00651	·783	·687
55-59	·01678	·00951	·878	·684
60-64	·02705	·01520	·927	·712
65-69	·04000	·02438	·859	·722
70-74	·06086	·04205	·818	·757
75-79	·09346	·07030	·793	·755
80-84	·14249	·11174	·793	·756
85 and over	·21021	·18353	·745	·741
All ages:				
Crude rates	·01186	·01014	·933	·902
Standardized*	·00915	·00742	·720	·660

* Standardized on 1931 census age distribution.

Table 2. Standardized death-rates for age-groups in England and Wales (standardized on 1931 census age distribution)

Year	Age-group						All ages
	Under I	1-4	5-14	15-44	45-64	65 and over	
MALES							
1930-32	·07650	·00755	·00190	·00385	·01653	·08063	·01271
1933	·07354	·00688	·00189	·00390	·01687	·08075	·01272
1934	·07109	·00697	·00198	·00356	·01629	·07687	·01216
1935	·06791	·00535	·00175	·00342	·01613	·07755	·01192
1936	·07042	·00580	·00171	·00332	·01658	·08013	·01220
1937	·06845	·00536	·00161	·00338	·01701	·08102	·01230
1938	·06257	·00483	·00161	·00315	·01572	·07588	·01145
1939	·05874	·00367	·00137	·00304	·01628	·07947	·01158
1940	·06631	·00511	·00181	·00447	·01923	·08729	·01368
1941	·07111	·00557	·00188	·00479	·01701	·07774	·01285
1942	·06150	·00372	·00142	·00393	·01503	·07089	·01122
1943	·05746	·00348	·00136	·00407	·01542	·07146	·01132
1944	·05428	·00298	·00138	·00409	·01517	·06891	·01102
1945	·05194	·00275	·00119	·00385	·01477	·06849	·01071
1946	·05559	·00220	·00092	·00254	·01467	·06713	·00996
1947	·04748	·00236	·00091	·00238	·01496	·07346	·01025
1948	·03843	·00179	·00076	·00205	·01398	·06557	·00915
FEMALES							
1930-32	·05705	·00677	·00174	·00333	·01197	·06839	·01124
1933	·05587	·00625	·00176	·00342	·01219	·07011	·01142
1934	·05486	·00633	·00190	·00314	·01143	·06469	·01069
1935	·05207	·00490	·00162	·00301	·01126	·06467	·01043
1936	·05286	·00519	·00150	·00289	·01139	·06682	·01058
1937	·05235	·00477	·00145	·00292	·01156	·06785	·01068
1938	·04738	·00424	·00145	·00264	·01058	·06137	·00970
1939	·04566	·00322	·00114	·00260	·01071	·06547	·00992
1940	·05000	·00444	·00156	·00318	·01208	·07194	·01121
1941	·05462	·00499	·00156	·00302	·01067	·06323	·01021
1942	·04752	·00318	·00111	·00254	·00951	·05633	·00890
1943	·04478	·00317	·00108	·00256	·00958	·05847	·00905
1944	·04254	·00254	·00105	·00247	·00921	·05462	·00854
1945	·04063	·00235	·00090	·00224	·00899	·05485	·00834
1946	·04229	·00185	·00071	·00205	·00895	·05582	·00829
1947	·03676	·00194	·00068	·00203	·00881	·05782	·00833
1948	·02955	·00155	·00059	·00182	·00821	·05110	·00742

Table 3. Ratios of standardized death-rates for age-groups in England and Wales to the rates for 1930-31-32 (standardized on 1931 census age distribution)

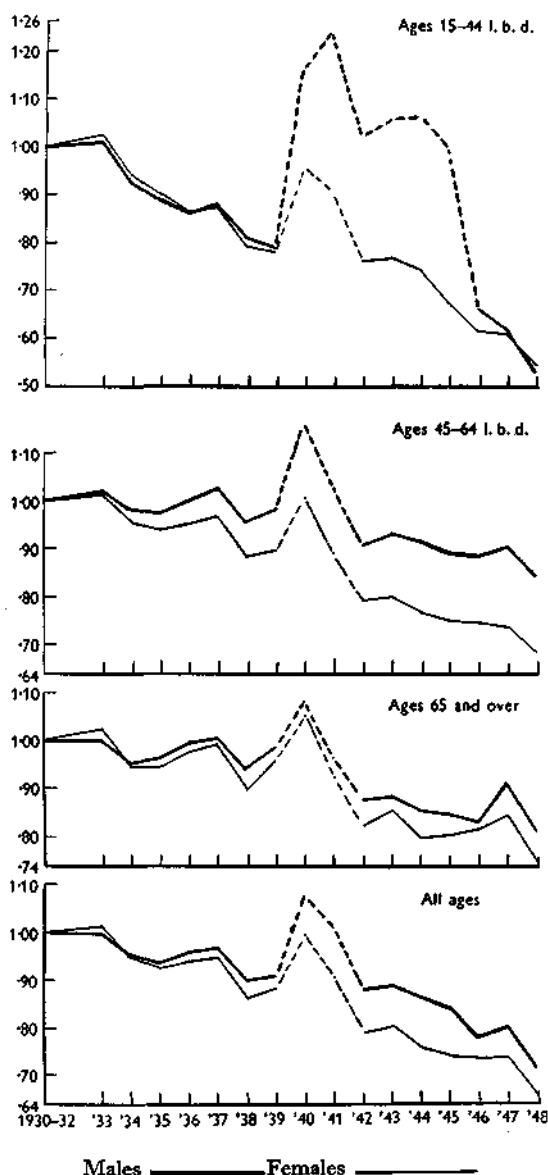
Year	Age-group						All ages
	Under 1	1-4	5-14	15-44	45-64	65 and over	
MALES							
1930-32	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1933	.961	.911	.995	1.013	1.021	1.001	1.001
1934	.929	.923	1.042	.925	.985	.953	.957
1935	.888	.709	.921	.888	.976	.962	.938
1936	.921	.768	.900	.862	1.003	.994	.960
1937	.895	.710	.847	.878	1.029	1.005	.968
1938	.818	.640	.847	.818	.951	.941	.901
1939	.768	.486	.721	.790	.985	.986	.911
1940	.867	.677	.953	1.161	1.163	1.083	1.076
1941	.930	.738	.989	1.244	1.029	.964	1.011
1942	.804	.493	.747	1.021	.909	.879	.883
1943	.751	.461	.716	1.057	.933	.886	.891
1944	.710	.395	.726	1.062	.918	.855	.867
1945	.679	.364	.626	1.000	.894	.849	.843
1946	.727	.291	.484	.660	.887	.833	.784
1947	.621	.313	.479	.618	.905	.911	.806
1948	.502	.237	.400	.532	.846	.813	.720
FEMALES							
1930-32	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1933	.979	.923	1.011	1.027	1.018	1.025	1.016
1934	.962	.935	1.092	.943	.955	.946	.951
1935	.913	.724	.931	.904	.941	.946	.928
1936	.927	.767	.862	.868	.952	.977	.941
1937	.918	.705	.833	.877	.966	.992	.950
1938	.831	.626	.833	.793	.884	.897	.863
1939	.800	.476	.655	.781	.895	.957	.883
1940	.876	.656	.897	.955	1.009	1.052	.997
1941	.957	.737	.897	.907	.891	.925	.908
1942	.833	.470	.638	.763	.794	.824	.792
1943	.785	.468	.621	.769	.800	.855	.805
1944	.746	.375	.603	.742	.769	.799	.760
1945	.712	.347	.517	.673	.751	.802	.742
1946	.741	.273	.408	.616	.748	.816	.738
1947	.644	.287	.391	.610	.736	.845	.741
1948	.518	.229	.339	.547	.686	.747	.660

Ratios of group death-rates (standardized) to 1930-32 rates



Ratios markedly affected by war conditions have been joined together by broken lines.

Ratios of group death-rates (standardized) to 1930-32 rates



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